EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("6973370" "6489741" "4746256" "6275748").pn.	US-PGPUB; USPAT	OR	ON	2010/05/25 18:56
S1	1	"10563116"	US-PGPUB; USPAT	OR	ON	2010/05/13 10:52
S2	1	(US-20060216137-$).did.	US-PGPUB	OR	ON	2010/05/13 10:56
S3	2	(US-20060216137-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 10:56
S4	2	(US-20060216137-$).did. or (WO-2005004230-$).did.	US-PGPUB; DERWENT	OR	ON	2010/05/13 11:15
S5	3	(US-20060216137-$).did. or (WO-2005004230-$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/13 11:15
S6	692	(wafer AND robot).ab.	US-PGPUB; USPAT	OR	ON	2010/05/18 12:36
S7	745	(wafer AND (manipulator OR robot)).ab.	US-PGPUB; USPAT	OR	ON	2010/05/18 12:36
S8	0	(wafer AND (manipulator OR robot)).ab. AND (table$4 WITH cantilever$4)	US-PGPUB; USPAT	OR	ON	2010/05/18 12:37
S9	745	(wafer AND (manipulator OR robot)).ab.	US-PGPUB; USPAT	OR	ON	2010/05/18 12:37
S10	454	(wafer AND (manipulator OR robot)).ab. AND @pd<"20040702"	US-PGPUB; USPAT	OR	ON	2010/05/18 12:38
S11	454	(wafer AND (manipulator OR robot)).ab. AND @pd<"20040702"	US-PGPUB; USPAT	OR	ON	2010/05/18 12:38

S12	54	US-20060216137-$.DID. OR US-20070189658-$.DID. OR US-6207965-$.DID. OR US-20080054188-$.DID. OR US-6405533-$.DID. OR US-5986778-$.DID. OR US-7344094-$.DID. OR US-6369929-$.DID. OR US-4178834-$.DID. OR US-6777695-$.DID. OR US-6135163-$.DID. OR US-20010019443-$.DID. OR US-6748314-$.DID. OR US-3877788-$.DID. OR US-4623819-$.DID. OR US-4872836-$.DID. OR US-3914907-$.DID. OR US-5117947-$.DID. OR US-5845868-$.DID. OR US-5901918-$.DID. OR US-6139401-$.DID. OR US-7054241-$.DID. OR US-7471307-$.DID. OR US-20020186632-$.DID. OR US-5188213-$.DID. OR US-6895105-$.DID. OR US-7704036-$.DID. OR US-20080019816-$.DID. OR US-20030142380-$.DID. OR US-5529454-$.DID. OR US-4200844-$.DID. OR US-5018071-$.DID. OR US-6700473-$.DID. OR US-6797965-$.DID. OR US-7348992-$.DID. OR US-20030075691-$.DID. OR US-20040017380-$.DID. OR US-20050043758-$.DID. OR US-3714398-$.DID. OR US-4236283-$.DID. OR US-4122458-$.DID. OR US-5156515-$.DID. OR US-5983812-$.DID. OR US-6079086-$.DID. OR US-6253430-$.DID. OR US-6774383-$.DID. OR US-6910690-$.DID. OR US-20020033337-$.DID. OR US-20030183779-$.DID. OR US-20090136314-$.DID. OR US-4080636-$.DID. OR US-4542385-$.DID. OR US-7349591-$.DID. OR US-20060076954-$.DID.	US-PGPUB; USPAT	OR	ON	2010/05/18 12:39

S13	49	US-20060216137-$.DID. OR US-20070189658-$.DID. OR US-6207965-$.DID. OR US-6405533-$.DID. OR US-7344094-$.DID. OR US-4178834-$.DID. OR US-6135163-$.DID. OR US-6748314-$.DID. OR US-3877788-$.DID. OR US-4623819-$.DID. OR US-4872836-$.DID. OR US-3914907-$.DID. OR US-5117947-$.DID. OR US-5845868-$.DID. OR US-5901918-$.DID. OR US-6139401-$.DID. OR US-7054241-$.DID. OR US-7471307-$.DID. OR US-20020186632-$.DID. OR US-5188213-$.DID. OR US-6895105-$.DID. OR US-7704036-$.DID. OR US-20080019816-$.DID. OR US-20030142380-$.DID. OR US-5529454-$.DID. OR US-4200844-$.DID. OR US-5018071-$.DID. OR US-6700473-$.DID. OR US-6797965-$.DID. OR US-7348992-$.DID. OR US-20030075691-$.DID. OR US-20040017380-$.DID. OR US-20050043758-$.DID. OR US-3714398-$.DID. OR US-4236283-$.DID. OR US-4122458-$.DID. OR US-5156515-$.DID. OR US-5983812-$.DID. OR US-6079086-$.DID. OR US-6253430-$.DID. OR US-6774383-$.DID. OR US-6910690-$.DID. OR US-20020033337-$.DID. OR US-20030183779-$.DID. OR US-20090136314-$.DID. OR US-4080636-$.DID. OR US-4542385-$.DID. OR US-7349591-$.DID. OR US-20060076954-$.DID.	US-PGPUB; USPAT	OR	ON	2010/05/18 12:39
S14	49	S12 AND S13	US-PGPUB; USPAT	OR	ON	2010/05/18 12:39
S15	54	S12 S13	US-PGPUB; USPAT	OR	ON	2010/05/18 12:39

S16	0	S15 AND S11	US-PGPUB; USPAT	OR	ON	2010/05/18 12:40
S17	0	S15 AND S7	US-PGPUB; USPAT	OR	ON	2010/05/18 12:40
S18	42	S15 AND @pd<"20050702"	US-PGPUB; USPAT	OR	ON	2010/05/18 12:40
S19	31	S15 AND @pd<"20030702"	US-PGPUB; USPAT	OR	ON	2010/05/18 12:40
S20	4	S15 AND @pd<"20030702" AND (wafer)	US-PGPUB; USPAT	OR	ON	2010/05/18 12:41
S21	5	S15 AND @pd<"20030702" AND (semiconductor OR semi-conductor OR (semi NEAR0 conductor))	US-PGPUB; USPAT	OR	ON	2010/05/18 12:43
S22	7	S15 AND @pd<"20030702" AND (semiconductor OR semi-conductor OR (semi NEAR0 conductor) OR wafer)	US-PGPUB; USPAT	OR	ON	2010/05/18 12:43
S23	495	@pd<"20030702" AND ((semiconductor OR semi-conductor OR (semi NEAR0 conductor) OR wafer) AND (robot OR manipulator OR effector)).ab.	US-PGPUB; USPAT	OR	ON	2010/05/18 12:44
S24	1023	(((semiconductor OR semi-conductor OR (semi NEAR0 conductor) OR wafer) AND (robot OR manipulator OR effector))).ab.	US-PGPUB; USPAT	OR	ON	2010/05/18 12:45
S25	495	(((semiconductor OR semi-conductor OR (semi NEAR0 conductor) OR wafer) AND (robot OR manipulator OR effector))).ab. AND @pd<"20030702"	US-PGPUB; USPAT	OR	ON	2010/05/18 12:45
S26	389	(((semiconductor OR semi-conductor OR (semi NEAR0 conductor) OR wafer) AND (robot))).ab. AND @pd<"20030702"	US-PGPUB; USPAT	OR	ON	2010/05/18 12:46

S27	191	(((semiconductor OR semi-conductor OR (semi NEAR0 conductor) OR wafer) AND (robot))).ab. AND @pd< "20030702" AND elevat$4	US-PGPUB; USPAT	OR	ON	2010/05/18 12:47
S28	1	"6973370".pn.	US-PGPUB; USPAT	OR	ON	2010/05/21 10:40
S29	805366	compensat$4	US-PGPUB; USPAT	OR	ON	2010/05/21 11:04
S30	6	(US-20060216137-$).did. or (US-3714398-$ or US-4746256-$ or US-4897015-$ or US-5105147-$ or US-6973370-$).did.	US-PGPUB; USPAT	OR	ON	2010/05/21 11:04
S31	2	S30 and S29	US-PGPUB; USPAT	OR	ON	2010/05/21 11:04
S32	40	(US-20090013543-$ or US-20050150462-$ or US-20030041071-$ or US-20020083614-$).did. or (US-7603786-$ or US-7127828-$ or US-6697695-$ or US-6489741-$ or US-6370791-$ or US-6213136-$ or US-6126381-$ or US-6113165-$ or US-6037733-$ or US-6024107-$ or US-6012470-$ or US-6005965-$ or US-5852413-$ or US-5789890-$ or US-5778554-$ or US-5775170-$ or US-5604443-$ or US-5571325-$ or US-5445491-$ or US-5278494-$ or US-5202716-$ or US-5178512-$ or US-5102280-$ or US-5064340-$ or US-5007784-$ or US-4951601-$).did. or (US-4907035-$ or US-4897015-$ or US-4846626-$ or US-4831270-$ or US-4808059-$ or US-4770590-$ or US-4746256-$ or US-4501527-$ or US-4457664-$ or US-3968885-$).did.	US-PGPUB; USPAT	OR	ON	2010/05/21 11:09
S33	12	S32 AND compensat$4	US-PGPUB; USPAT	OR	ON	2010/05/21 11:09
S34	9	S32 AND compensat$4 AND wafer AND robot AND arm	US-PGPUB; USPAT	OR	ON	2010/05/21 11:10

S35	7	S32 AND compensat$4 AND wafer AND robot AND arm AND tilt$6	US-PGPUB; USPAT	OR	ON	2010/05/21 11:10
S36	3	S32 AND compensat$4 AND wafer AND robot AND arm AND ((tilt$6 OR deflect$6) WITH compensat$6)	US-PGPUB; USPAT	OR	ON	2010/05/21 11:11
S37	7	(US-20060216137-$).did. or (US-3714398-$ or US-4746256-$ or US-4897015-$ or US-5105147-$ or US-6973370-$ or US-6489741-$).did.	US-PGPUB; USPAT	OR	ON	2010/05/25 10:50
S38	1	S37 AND cam	US-PGPUB; USPAT	OR	ON	2010/05/25 10:50
S39	0	S37 AND camshaft	US-PGPUB; USPAT	OR	ON	2010/05/25 10:50
S40	0	S37 AND eccentric	US-PGPUB; USPAT	OR	ON	2010/05/25 10:51
S41	0	S37 AND "Tilt Adjusting Means"	US-PGPUB; USPAT	OR	ON	2010/05/25 10:52
S42	0	S37 AND (Tilt NEAR Adjusting NEAR Means)	US-PGPUB; USPAT	OR	ON	2010/05/25 10:52
S43	0	S37 AND (tilt NEAR adjusting NEAR Means)	US-PGPUB; USPAT	OR	ON	2010/05/25 10:52
S44	0	S37 AND (tilt NEAR adjusting NEAR means)	US-PGPUB; USPAT	OR	ON	2010/05/25 10:52
S45	0	S37 AND (tilt with adjusting with means)	US-PGPUB; USPAT	OR	ON	2010/05/25 10:53
S46	1	S37 AND (tilt$5 with adjust$5)	US-PGPUB; USPAT	OR	ON	2010/05/25 10:53
S47	1	"6489741".pn.	US-PGPUB; USPAT	OR	ON	2010/05/25 11:37
S48	2	S37 AND (compensat$6 with deflect$5)	US-PGPUB; USPAT	OR	ON	2010/05/25 12:07
S49	3	S37 AND (deflect$5)	US-PGPUB; USPAT	OR	ON	2010/05/25 12:09
S50	1	S37 AND (deflect$5 WITH substrate)	US-PGPUB; USPAT	OR	ON	2010/05/25 12:16
S51	1	S37 AND (kinematic$4)	US-PGPUB; USPAT	OR	ON	2010/05/25 12:28
S52	1	S37 AND (substrate WITH weight)	US-PGPUB; USPAT	OR	ON	2010/05/25 12:34

S53	74	("3240513" | "3805629" | "3920972" | "3968885" | "4166543" | "4181465" | "4196049" | "4260941" | "4299533" | "4433382" | "4457664" | "4465424" | "4466307" | "4488242" | "4501527" | "4502830" | "4511985" | "4566847" | "4664587" | "4680802" | "4686866" | "4693629" | "4706000" | "4732525" | "4735539" | "4746256" | "4762459" | "4766322" | "4770590" | "4782713" | "4794513" | "4795957" | "4808059" | "4808064" | "4846626" | "4897015" | "4907035" | "4921395" | "4928245" | "4951601" | "4961267" | "5007784" | "5017075" | "5053687" | "5064160" | "5064340" | "5099707" | "5102280" | "5107716" | "5109724" | "5116190" | "5157315" | "5178512" | "5202716" | "5220849" | "5234303" | "5278494" | "5438647" | "5445491" | "5571325" | "5604443" | "5604677" | "5775170" | "5789890" | "5852413" | "5907229" | "6037733" | "6092004" | "6101057" | "6120433" | "6126381" | "6184868" | "RE32794").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:02
S54	2	("6489741").URPN.	USPAT	OR	ON	2010/05/25 14:03
S55	0	S53 AND (deflect$4 WITH sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:03
S56	1	S53 AND (deflect$4 SAME sensor)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:03
S57	0	(substrate OR wafer) and robot AND positioning AND (deflect$4 WITH sensor) AND (table or platform) and support AND horizontal AND verticle	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:08

S58	47	(substrate OR wafer) and robot AND positioning AND (deflect$4 WITH sensor) AND (table or platform) and support AND horizontal AND vertical	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:09
S59	5	(substrate OR wafer).ab. and robot AND positioning AND (deflect$4 WITH sensor) AND (table or platform) and support AND horizontal AND vertical	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:09
S60	3	(substrate OR wafer).ab. AND (deflect$4 WITH sensor) AND ((robot OR arm OR effector) WITH (table or platform)) and support AND horizontal AND vertical	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:10
S61	4	((substrate OR wafer) WITH (robot OR arm OR effector)) AND (deflect$4 WITH sensor) AND ((robot OR arm OR effector) WITH (table or platform)) and support AND horizontal AND vertical	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:10
S62	31	((substrate OR wafer) SAME (robot OR arm OR effector)) AND (deflect$4 WITH sensor) AND ((robot OR arm OR effector) SAME (table or platform)) and support AND horizontal AND vertical	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:10
S63	1	((substrate OR wafer OR semiconductor OR semi0conductor).ab. SAME (robot OR arm OR effector)) AND (deflect$4 WITH sensor) AND ((robot OR arm OR effector) SAME (table or platform)) and support AND horizontal AND vertical	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:12

S64	9	((substrate OR wafer OR semiconductor OR semi0conductor).ab. SAME (robot OR arm OR effector)) AND (deflect$4 WITH sensor) AND ((robot OR arm OR effector) SAME (table or platform))	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:13
S65	9	((substrate OR wafer OR semiconductor OR semi-conductor).ab. SAME (robot OR arm OR effector)) AND (deflect$4 WITH sensor) AND ((robot OR arm OR effector) SAME (table or platform))	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:14
S66	29	((substrate OR wafer OR semiconductor OR semi-conductor).ab. AND (robot OR arm OR effector)) AND (deflect$4 WITH sensor) AND ((robot OR arm OR effector) SAME (table or platform)) NOT S65	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:14
S67	189	((substrate OR wafer OR semiconductor OR semi-conductor).ab. AND (robot OR arm OR effector)) AND (deflect$4 WITH (detect$4 OR sens$4)) AND ((robot OR arm OR effector) SAME (table or platform)) NOT S65	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:15
S68	144	((substrate OR wafer OR semiconductor OR semi-conductor).ab. AND (robot OR arm OR effector)) AND (deflect$4 WITH (detect$4 OR sens$4)) AND ((robot OR arm OR effector) WITH (table or platform)) NOT S65	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:15
S69	39	((substrate OR wafer OR semiconductor OR semi-conductor).ab. AND (robot OR arm OR effector)) AND (position$4 WITH (deflect$4 WITH (detect$4 OR sens$4))) AND ((robot OR arm OR effector) WITH (table or platform)) NOT S65	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:16

S70	0	((substrate OR wafer OR semiconductor OR semi-conductor).ab. AND (robot OR arm OR effector)) AND ((position$4 WITH (deflect$4 WITH (detect$4 OR sens$4))) AND ((robot OR arm OR effector) WITH (table or platform)) NOT S65 AND ("700" OR "701").clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:18
S71	0	((substrate OR wafer OR semiconductor OR semi-conductor).ab. AND (robot OR arm OR effector)) AND ((position$4 WITH (deflect$4 WITH (detect$4 OR sens$4))) AND ((robot OR arm OR effector) WITH (table or platform)) NOT S65 AND "700".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:19
S72	0	((substrate OR wafer OR semiconductor OR semi-conductor).ab. AND (robot OR arm OR effector)) AND ((position$4 WITH (deflect$4 WITH (detect$4 OR sens$4))) AND ((robot OR arm OR effector) WITH (table or platform)) NOT S65 AND "701".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:19
S73	0	((substrate OR wafer OR semiconductor OR semi-conductor).ab. AND (robot OR arm OR effector)) AND ((position$4 WITH (deflect$4 WITH (detect$4 OR sens$4))) AND ((robot OR arm OR effector) WITH (table or platform)) NOT S65 AND "414".clas.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:19
S74	6	S37 and (detect$4 OR sens$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:21
S75	5	S37 and (detect$4 OR sens$4) SAME (position$4 or locat$5)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:21
S76	2	S37 and (detect$4 OR sens$4) SAME (position$4 or locat$5) AND deflect$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:22
S77	2	S37 and ((detect$4 OR sens$4) SAME (position$4 or locat$5)) AND deflect$4	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:23

S78	2	S37 and ((detect$4 OR sens$4) SAME (position$4 or locat$5)) AND (deflect $4 OR tilt$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:23
S79	106	(wafer AND robot).ab. and ((detect$4 OR sens$4) SAME (position$4 or locat $5)) AND (deflect$4 OR tilt $4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:24
S80	29	(wafer AND robot AND arm).ab. and ((detect$4 OR sens$4) SAME (position $4 or locat$5)) AND (deflect$4 OR tilt$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/25 14:25

EAST Search History (Interference)

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